

A GOLF CLUB HEAD WITH A FACE INSERT

Abstract

A golf club head (20) having a body (22) with a front wall (30) with an opening (32) and a striking plate insert (40) is disclosed herein. The striking plate insert (40) preferably includes an outer layer (61) and an inner layer (65) that are joined together by an explosion bonding process. The inner layer (65) is preferably composed of a material that has a lower yield strength than that of the outer layer (61). The explosion bonding process results in the striking plate insert having an increased yield strength relative to the yield strengths of the individual layers. The golf club head (20) preferably has a moment of inertia, I_{zz} , about the Z axis through the center of gravity of the golf club head ranging from $2700\text{g}\text{-cm}^2$ to $4000\text{g}\text{-cm}^2$.